GOVERNMENT OF INDIA
CHEMICALS AND FERTILIZERS
LOK SABHA

UNSTARRED QUESTION NO:6574
ANSWERED ON:09.05.2005
EXPANSION OF R & D ACTIVITIES IN FERTILIZER SECTOR
Singh Shri Dushyant

Will the Minister of CHEMICALS AND FERTILIZERS be pleased to state:

(a) whether the Government has any proposal to lay greater emphasis on the expansion of Research and Development activities in the Fertilizer sector; and

(b) if so, the details thereof and the steps taken in this regard?

Answer

THE MINISTER OF CHEMICALS AND FERTILIZERS & MINISTER OF STEEL (SHRI RAM VILAS PASWAN)

(a) & (b) : Yes, Sir. The New Pricing Scheme (NPS) for urea units w.e.f. 1.4.2003 lays emphasis on efficiency in energy conservation measures and innovative technology. Keeping this in view, an amount of Rs.5 crore have been earmarked for funding Science and Technology Programmes of the Department during 10th Plan. Details of S&T Projects taken up by Department of Fertilizers through premier academic institutes are given as under:

S.No.	Name of the S&T Project	Name of Institution	Cost of the Project
1.	Pilot Plant study on Coiled Flow Invertors	Indian Institute of Technology, Delhi	Rs.2.46 crore
2.	Disposal of Spent Catalyst and Recovery of Precious metal	Indian Institute of Technology, Delhi	Rs.2.00 crore
3.	Studies in reforming of methane to Synthesis gas using micro reactor for production of Hydrogen.	Indian Institute of Technology, Kharagpur	Rs.0.50 crore
4.	New Absorption Based for CO2 Recovery during 2004-05	Indian Institute of Petroleum, Mokhampur, Dehradun	Rs.1.01 crore
5.	Photocatalytic synthesis of urea using atmospheric CO2,N2,,H2O and solar energy	Indian Institute of Chemicals Technology, Hyderabad	Rs.0.47 crore

6. Studies on Chemical Desportion of Carbon Dioxide in Packed Columns	Indian Institute of Technology, Delhi	Rs.1.00 crore	
7. In-situ reaction and separation of Steam Reforming Hydrocarbons product mixture in a Membrane Reactor	Indian Institute of Technology, Kharagpur	Rs.0.72 crore	